

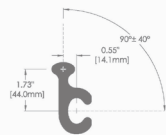
BALL & SOCKET
HOT ROLLED / MULTI-USE



BNS[®]

sheet-pile.com/oz

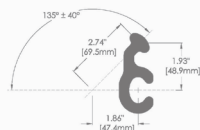
PilePro[®] Sheet Pile Connectors



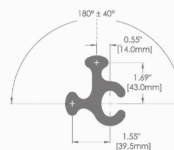
PZ 90



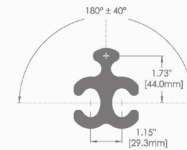
Colt



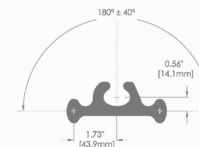
Cobra



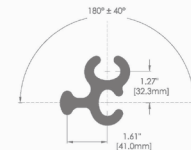
PZ Tee



Joker



Bullhead



PZT-S

Sheet Pile LLC is the owner and assignee of US 7,390,145, related to these connectors.



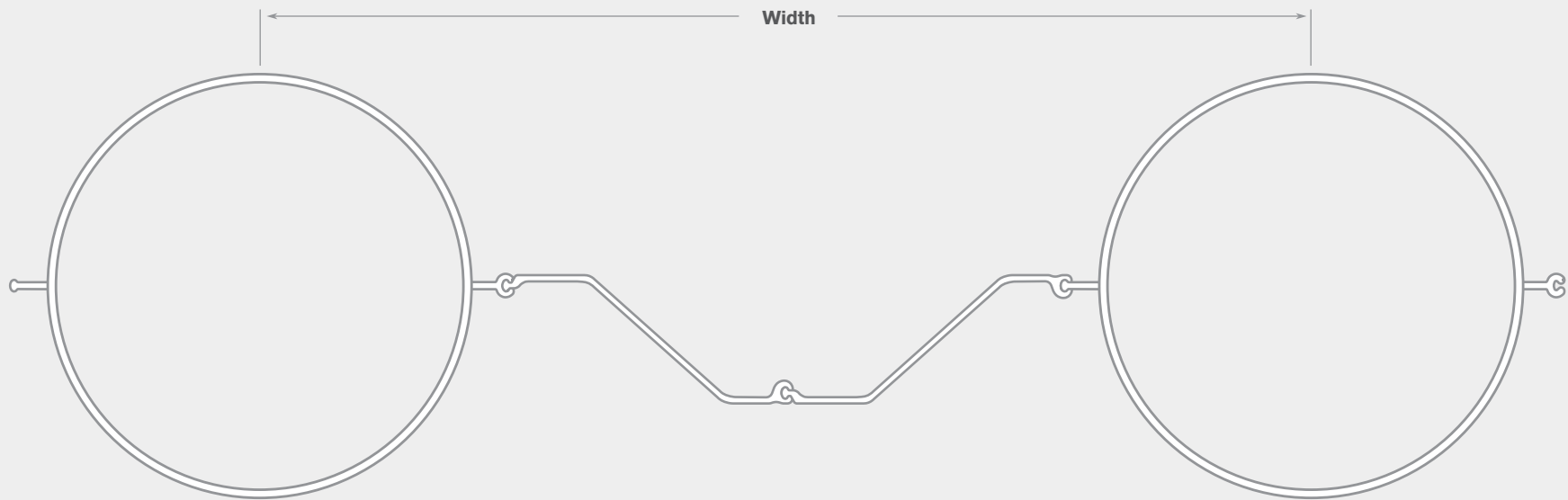
Hot rolled and 100% melted and manufactured
in the USA and BABA2021 Compliant



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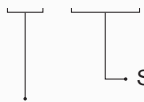


Configuration A1 (PZC 13)



SECTION NAME:

73 - 2699



Section width in mm

Section modulus (elastic) in $\text{cm}^3/\text{m} \div 100$

These are examples from a large variety of possible OZ® solutions.

Please configure your own system on sheet-pile.com/oz

WOF® and WOM® are available in a wide range of sizes — 100% melted and manufactured in the USA and BABA 2021 compliant. Sheet Pile LLC is the owner and assignee of numerous patents and trademarks related to the OZ® system, including, but not limited to, United States Patent Nos. 8,088,469, 8,323,765, and 7,935,406.



Hot rolled and 100% melted and manufactured
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OZ® BNS®

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	60%	80%	100%				
27-2547	OZ®	50.7	100.28	0.438	34	27.7	30.7	33.6	861.9	11.07	22.14	A1 (PZC 13)
		2725.9	2547	11.112	863	135.3	149.8	164.3	117704	3.37	6.75	
28-2649	OZ®	51.8	104.28	0.375	38	25.9	28.8	31.7	984	11.59	23.18	A1 (PZC 13)
		2784.4	2648.6	9.525	965	126.6	140.6	154.5	134373.6	3.53	7.07	
28-2293	OZ®	51.9	90.28	0.812	24	36.7	40	43.3	623.3	9.76	19.52	A1 (PZC 13)
		2792.4	2293	20.638	609	179.1	195.2	211.3	85112.5	2.97	5.95	
28-2395	OZ®	52.2	94.28	0.625	28	32.8	35.9	39.1	731.1	10.28	20.57	A1 (PZC 13)
		2807.6	2394.6	15.875	711	160	175.4	190.9	99838.4	3.13	6.27	
28-2496	OZ®	52.2	98.28	0.5	31	29.7	32.7	35.7	835.8	10.81	21.61	A1 (PZC 13)
		2808.4	2496.2	12.7	812	144.8	159.6	174.4	114133.1	3.29	6.59	
28-2445	OZ®	52.7	96.28	0.562	30	31.4	34.5	37.5	790.6	10.54	21.09	A1 (PZC 13)
		2833.7	2445.4	14.288	762	153.1	168.2	183.3	107964.8	3.21	6.43	
29-2649	OZ®	54.1	104.28	0.394	38	26.8	29.7	32.5	1027.6	11.59	23.18	A1 (PZC 13)
		2907.8	2648.6	10	965	130.8	144.8	158.7	140329.6	3.53	7.07	
29-2547	OZ®	54.2	100.28	0.472	34	29.2	32.2	35.1	921.4	11.07	22.14	A1 (PZC 13)
		2914	2547	12	863	142.5	157	171.5	125828.4	3.37	6.75	
29-2344	OZ®	54.4	92.28	0.75	26	36	39.3	42.5	707.5	10.02	20.04	A1 (PZC 13)
		2925.9	2343.8	19.05	660	175.9	191.6	207.4	96613.3	3.05	6.11	
30-2293	OZ®	55	90.28	0.875	24	38.7	42	45.3	659.5	9.76	19.52	A1 (PZC 13)
		2954.8	2293	22.225	609	188.8	204.9	221	90061.5	2.97	5.95	
30-2598	OZ®	55	102.28	0.438	36	28.3	31.2	34.1	989.6	11.33	22.66	A1 (PZC 13)
		2955.8	2597.8	11.112	914	138	152.2	166.4	135139	3.45	6.91	
30-2699	OZ®	55.7	106.28	0.375	40	26.4	29.2	32	1114.4	11.85	23.71	A1 (PZC 13)
		2995.6	2699.4	9.525	1016	128.7	142.4	156.1	152175.7	3.61	7.23	
30-2395	OZ®	56.5	94.28	0.688	28	35	38.2	41.4	790.5	10.28	20.57	A1 (PZC 13)
		3035.6	2394.6	17.462	711	171.1	186.5	201.9	107947.5	3.13	6.27	
31-2547	OZ®	56.9	100.28	0.5	34	30.3	33.3	36.3	968.1	11.07	22.14	A1 (PZC 13)
		3061.6	2547	12.7	863	148.2	162.7	177.2	132200.2	3.37	6.75	

* Length of the intermediate section as percent of the outer section length(s), intermediate sheet pile length is typically 60% to 80% of the length of the outer sections or OZ®.



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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
31-2445	OZ®	57.6	96.28	0.625	30	33.8	36.8	39.9	863.8	10.54	21.09	A1 (PZC 13)
		3096	2445.4	15.875	762	164.8	179.9	195	117957.4	3.21	6.43	
31-2496	OZ®	57.8	98.28	0.562	31	32.2	35.2	38.3	924.5	10.81	21.61	A1 (PZC 13)
		3106.6	2496.2	14.288	812	157.1	171.9	186.8	126251.5	3.29	6.59	
31-2293	OZ®	57.9	90.28	0.938	24	40.6	43.9	47.2	695.1	9.76	19.52	A1 (PZC 13)
		3114.4	2293	23.812	609	198.4	214.5	230.6	94927.6	2.97	5.95	
31-2699	OZ®	58.2	106.28	0.394	40	27.2	30	32.8	1164.4	11.85	23.71	A1 (PZC 13)
		3130.2	2699.4	10	1016	133	146.7	160.4	159013.1	3.61	7.23	
32-2598	OZ®	58.8	102.28	0.472	36	29.8	32.7	35.6	1059.2	11.33	22.66	A1 (PZC 13)
		3163.6	2597.8	12	914	145.5	159.7	173.9	144637.8	3.45	6.91	
32-2649	OZ®	59.4	104.28	0.438	38	28.8	31.7	34.5	1129.3	11.59	23.18	A1 (PZC 13)
		3195.4	2648.6	11.112	965	140.6	154.5	168.5	154209.4	3.53	7.07	
32-2750	OZ®	59.8	108.28	0.375	42	26.8	29.5	32.3	1255.4	12.12	24.23	A1 (PZC 13)
		3214.1	2750.2	9.525	1066	130.6	144.1	157.5	171439.9	3.69	7.39	
33-2395	OZ®	60.6	94.28	0.75	28	37.3	40.5	43.6	849	10.28	20.57	A1 (PZC 13)
		3260.5	2394.6	19.05	711	182.1	197.5	213	115943	3.13	6.27	
33-2293	OZ®	60.8	90.28	1	24	42.6	45.9	49.2	730.2	9.76	19.52	A1 (PZC 13)
		3271.4	2293	25.4	609	208	224.1	240.2	99712.2	2.97	5.95	
33-2598	OZ®	61.9	102.28	0.5	36	31	33.9	36.8	1113.7	11.33	22.66	A1 (PZC 13)
		3326.5	2597.8	12.7	914	151.4	165.6	179.9	152089.8	3.45	6.91	
34-2445	OZ®	62.4	96.28	0.688	30	36.1	39.2	42.3	936	10.54	21.09	A1 (PZC 13)
		3354.9	2445.4	17.462	762	176.5	191.6	206.7	127820.4	3.21	6.43	
34-2750	OZ®	62.5	108.28	0.394	42	27.7	30.4	33.2	1312.5	12.12	24.23	A1 (PZC 13)
		3360.1	2750.2	10	1066	135.1	148.5	162	179230.2	3.69	7.39	
34-2547	OZ®	63.1	100.28	0.562	34	33	36	38.9	1073	11.07	22.14	A1 (PZC 13)
		3393.5	2547	14.288	863	161	175.5	190.1	146532.4	3.37	6.75	
34-2496	OZ®	63.3	98.28	0.625	31	34.7	37.7	40.8	1012.2	10.81	21.61	A1 (PZC 13)
		3401.2	2496.2	15.875	812	169.4	184.2	199	138224.1	3.29	6.59	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
34-2649	OZ®	63.7	104.28	0.472	38	30.4	33.2	36.1	1209.8	11.59	23.18	A1 (PZC 13)
		3423.4	2648.6	12	965	148.4	162.3	176.3	165211.8	3.53	7.07	
34-2801	OZ®	64	110.28	0.375	43	27.1	29.8	32.5	1407.4	12.38	24.75	A1 (PZC 13)
		3439.4	2801	9.525	1117	132.5	145.7	158.9	192191	3.77	7.55	
34-2699	OZ®	64.1	106.28	0.438	40	29.3	32.1	34.9	1281.1	11.85	23.71	A1 (PZC 13)
		3443.9	2699.4	11.112	1016	143.1	156.8	170.5	174950.4	3.61	7.23	
35-2395	OZ®	64.8	94.28	0.812	28	39.5	42.7	45.9	906.8	10.28	20.57	A1 (PZC 13)
		3482.2	2394.6	20.638	711	193.1	208.5	224	123826.1	3.13	6.27	
36-2801	OZ®	66.9	110.28	0.394	43	28.1	30.8	33.5	1472	12.38	24.75	A1 (PZC 13)
		3597.1	2801	10	1117	137.1	150.3	163.5	201008.6	3.77	7.55	
36-2649	OZ®	67	104.28	0.5	38	31.6	34.5	37.4	1273	11.59	23.18	A1 (PZC 13)
		3602.3	2648.6	12.7	965	154.5	168.5	182.4	173845.8	3.53	7.07	
36-2445	OZ®	67.2	96.28	0.75	30	38.5	41.6	44.7	1007.3	10.54	21.09	A1 (PZC 13)
		3610.4	2445.4	19.05	762	188.1	203.2	218.3	137554.6	3.21	6.43	
37-2496	OZ®	68.7	98.28	0.688	31	37.2	40.2	43.3	1098.8	10.81	21.61	A1 (PZC 13)
		3692.2	2496.2	17.462	812	181.6	196.4	211.3	150051.3	3.29	6.59	
37-2699	OZ®	68.7	106.28	0.472	40	31	33.8	36.6	1373.7	11.85	23.71	A1 (PZC 13)
		3692.7	2699.4	12	1016	151.2	164.8	178.5	187588	3.61	7.23	
37-2598	OZ®	68.7	102.28	0.562	36	33.7	36.7	39.6	1236.5	11.33	22.66	A1 (PZC 13)
		3693.4	2597.8	14.288	914	164.8	179	193.2	168860.6	3.45	6.91	
37-2750	OZ®	68.8	108.28	0.438	42	29.8	32.6	35.3	1445.5	12.12	24.23	A1 (PZC 13)
		3700.7	2750.2	11.112	1066	145.5	159	172.4	197394	3.69	7.39	
37-2395	OZ®	68.8	94.28	0.875	28	41.8	44.9	48.1	963.7	10.28	20.57	A1 (PZC 13)
		3700.7	2394.6	22.225	711	204	219.4	234.9	131598.2	3.13	6.27	
37-2547	OZ®	69.2	100.28	0.625	34	35.6	38.6	41.6	1176.8	11.07	22.14	A1 (PZC 13)
		3721.7	2547	15.875	863	173.8	188.4	202.9	160702.4	3.37	6.75	
39-2445	OZ®	71.8	96.28	0.812	30	40.9	44	47.1	1077.6	10.54	21.09	A1 (PZC 13)
		3862.5	2445.4	20.638	762	199.6	214.8	229.9	147162	3.21	6.43	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
39-2699	OZ®	72.3	106.28	0.5	40	32.3	35.1	37.9	1446.3	11.85	23.71	A1 (PZC 13)
		3887.9	2699.4	12.7	1016	157.5	171.2	184.9	197507.6	3.61	7.23	
39-2903	OZ®	72.7	114.28	0.375	48	27.9	30.5	33.1	1744.7	12.9	25.8	A1 (PZC 13)
		3908.3	2902.6	9.525	1219	136.1	148.8	161.6	238249.2	3.93	7.86	
39-2395	OZ®	72.8	94.28	0.938	28	44	47.2	50.3	1019.8	10.28	20.57	A1 (PZC 13)
		3916.2	2394.6	23.812	711	214.9	230.3	245.8	139260	3.13	6.27	
40-2801	OZ®	73.8	110.28	0.438	43	30.3	33	35.7	1622.5	12.38	24.75	A1 (PZC 13)
		3965.1	2801	11.112	1117	147.9	161	174.2	221570.2	3.77	7.55	
40-2750	OZ®	73.9	108.28	0.472	42	31.5	34.3	37	1551	12.12	24.23	A1 (PZC 13)
		3970.8	2750.2	12	1066	153.8	167.3	180.7	211801	3.69	7.39	
40-2496	OZ®	74	98.28	0.75	31	39.7	42.7	45.8	1184.4	10.81	21.61	A1 (PZC 13)
		3979.7	2496.2	19.05	812	193.8	208.6	223.4	161734.2	3.29	6.59	
40-2649	OZ®	74.5	104.28	0.562	38	34.5	37.3	40.2	1415.4	11.59	23.18	A1 (PZC 13)
		4005.1	2648.6	14.288	965	168.4	182.3	196.3	193284.4	3.53	7.07	
40-2547	OZ®	75.3	100.28	0.688	34	38.2	41.2	44.2	1279.4	11.07	22.14	A1 (PZC 13)
		4046.1	2547	17.462	863	186.6	201.1	215.6	174711	3.37	6.75	
41-2598	OZ®	75.4	102.28	0.625	36	36.5	39.4	42.3	1358	11.33	22.66	A1 (PZC 13)
		4056.2	2597.8	15.875	914	178.1	192.3	206.6	185451.5	3.45	6.91	
41-2903	OZ®	76.1	114.28	0.394	48	28.9	31.5	34.1	1825.9	12.9	25.8	A1 (PZC 13)
		4090.3	2902.6	10	1219	140.9	153.7	166.4	249345.1	3.93	7.86	
41-2445	OZ®	76.5	96.28	0.875	30	43.2	46.3	49.4	1147.1	10.54	21.09	A1 (PZC 13)
		4111.4	2445.4	22.225	762	211.2	226.3	241.4	156643.1	3.21	6.43	
41-2395	OZ®	76.8	94.28	1	28	46.2	49.4	52.6	1075.1	10.28	20.57	A1 (PZC 13)
		4128.6	2394.6	25.4	711	225.7	241.1	256.6	146812.4	3.13	6.27	
42-2953	OZ®	77.2	116.28	0.375	50	28.2	30.8	33.4	1930.3	13.16	26.32	A1 (PZC 13)
		4151.2	2953.4	9.525	1270	137.8	150.3	162.8	263598.6	4.01	8.02	
42-2750	OZ®	77.8	108.28	0.5	42	32.8	35.6	38.4	1633.8	12.12	24.23	A1 (PZC 13)
		4182.8	2750.2	12.7	1066	160.4	173.8	187.2	223112.5	3.69	7.39	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
43-2801	OZ®	79.2	110.28	0.472	43	32	34.7	37.4	1742	12.38	24.75	A1 (PZC 13)
		4257	2801	12	1117	156.4	169.6	182.8	237883.6	3.77	7.55	
43-2496	OZ®	79.3	98.28	0.812	31	42.2	45.2	48.2	1268.9	10.81	21.61	A1 (PZC 13)
		4263.7	2496.2	20.638	812	205.9	220.7	235.6	173275	3.29	6.59	
43-2699	OZ®	80.5	106.28	0.562	40	35.2	38	40.8	1609.9	11.85	23.71	A1 (PZC 13)
		4327.7	2699.4	14.288	1016	171.8	185.5	199.2	219849.2	3.61	7.23	
43-2953	OZ®	80.8	116.28	0.394	50	29.2	31.8	34.4	2020.7	13.16	26.32	A1 (PZC 13)
		4345.6	2953.4	10	1270	142.8	155.3	167.8	275948.1	4.01	8.02	
44-2445	OZ®	81	96.28	0.938	30	45.6	48.7	51.8	1215.6	10.54	21.09	A1 (PZC 13)
		4356.9	2445.4	23.812	762	222.6	237.7	252.9	165999.4	3.21	6.43	
44-2547	OZ®	81.2	100.28	0.75	34	40.8	43.8	46.8	1380.8	11.07	22.14	A1 (PZC 13)
		4366.8	2547	19.05	863	199.3	213.8	228.3	188559.5	3.37	6.75	
44-3004	OZ®	81.8	118.28	0.375	52	28.6	31.1	33.6	2127.4	13.42	26.85	A1 (PZC 13)
		4399.2	3004.2	9.525	1320	139.4	151.7	164.1	290520.3	4.09	8.18	
44-2649	OZ®	81.9	104.28	0.625	38	37.3	40.2	43	1556.3	11.59	23.18	A1 (PZC 13)
		4403.8	2648.6	15.875	965	182.2	196.1	210.1	212526.2	3.53	7.07	
44-2598	OZ®	82.1	102.28	0.688	36	39.2	42.1	45	1478.2	11.33	22.66	A1 (PZC 13)
		4415.2	2597.8	17.462	914	191.4	205.6	219.8	201864.7	3.45	6.91	
45-2801	OZ®	83.4	110.28	0.5	43	33.4	36.1	38.8	1835.8	12.38	24.75	A1 (PZC 13)
		4486.3	2801	12.7	1117	163.1	176.3	189.5	250694.8	3.77	7.55	
45-2903	OZ®	84	114.28	0.438	48	31.2	33.8	36.4	2015.5	12.9	25.8	A1 (PZC 13)
		4514.9	2902.6	11.112	1219	152.3	165	177.7	275229.4	3.93	7.86	
45-2496	OZ®	84.5	98.28	0.875	31	44.7	47.7	50.7	1352.3	10.81	21.61	A1 (PZC 13)
		4544.1	2496.2	22.225	812	218	232.8	247.6	184673.9	3.29	6.59	
46-2445	OZ®	85.5	96.28	1	30	47.9	51	54.1	1283.2	10.54	21.09	A1 (PZC 13)
		4599.3	2445.4	25.4	762	234	249.1	264.3	175231.5	3.21	6.43	
46-3004	OZ®	85.7	118.28	0.394	52	29.6	32.1	34.6	2227.6	13.42	26.85	A1 (PZC 13)
		4606.3	3004.2	10	1320	144.5	156.8	169.1	304201.8	4.09	8.18	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
47-3055	OZ®	86.5	120.28	0.375	53	28.9	31.4	33.8	2336.2	13.69	27.37	A1 (PZC 13)
		4652	3055	9.525	1371	141	153.1	165.2	319032.7	4.17	8.34	
47-2750	OZ®	86.7	108.28	0.562	42	35.9	38.6	41.4	1820.4	12.12	24.23	A1 (PZC 13)
		4660.6	2750.2	14.288	1066	175.2	188.6	202.1	248597.2	3.69	7.39	
47-2547	OZ®	87.1	100.28	0.812	34	43.4	46.4	49.4	1481	11.07	22.14	A1 (PZC 13)
		4683.9	2547	20.638	863	212	226.5	241	202248.9	3.37	6.75	
48-2699	OZ®	88.6	106.28	0.625	40	38.1	40.9	43.7	1772	11.85	23.71	A1 (PZC 13)
		4763.3	2699.4	15.875	1016	186.1	199.8	213.5	241976.4	3.61	7.23	
48-2598	OZ®	88.7	102.28	0.75	36	41.9	44.8	47.7	1597.1	11.33	22.66	A1 (PZC 13)
		4770.4	2597.8	19.05	914	204.6	218.8	233.1	218100.7	3.45	6.91	
48-2649	OZ®	89.3	104.28	0.688	38	40.1	43	45.9	1695.8	11.59	23.18	A1 (PZC 13)
		4798.4	2648.6	17.462	965	196	209.9	223.9	231572.5	3.53	7.07	
48-2953	OZ®	89.3	116.28	0.438	50	31.6	34.2	36.7	2231.7	13.16	26.32	A1 (PZC 13)
		4799.4	2953.4	11.112	1270	154.4	166.9	179.4	304762.3	4.01	8.02	
48-2496	OZ®	89.7	98.28	0.938	31	47.1	50.1	53.2	1434.8	10.81	21.61	A1 (PZC 13)
		4821.2	2496.2	23.812	812	230	244.8	259.7	195932.2	3.29	6.59	
49-2903	OZ®	90.2	114.28	0.472	48	33	35.6	38.3	2165.9	12.9	25.8	A1 (PZC 13)
		4852	2902.6	12	1219	161.3	174	186.8	295775.5	3.93	7.86	
49-3055	OZ®	90.6	120.28	0.394	53	29.9	32.4	34.9	2446.7	13.69	27.37	A1 (PZC 13)
		4872	3055	10	1371	146.2	158.3	170.4	334124.7	4.17	8.34	
49-3106	OZ®	91.3	122.28	0.375	56	29.2	31.6	34.1	2556.8	13.95	27.9	A1 (PZC 13)
		4909.4	3105.8	9.525	1422	142.6	154.5	166.4	349153.2	4.25	8.5	
50-2547	OZ®	92.9	100.28	0.875	34	46	49	51.9	1580.1	11.07	22.14	A1 (PZC 13)
		4997.2	2547	22.225	863	224.6	239.1	253.6	215780.9	3.37	6.75	
50-2801	OZ®	93.1	110.28	0.562	43	36.5	39.2	41.9	2047.2	12.38	24.75	A1 (PZC 13)
		5003	2801	14.288	1117	178.4	191.6	204.8	279566.6	3.77	7.55	
51-3004	OZ®	94.7	118.28	0.438	52	32	34.6	37.1	2461.4	13.42	26.85	A1 (PZC 13)
		5089.8	3004.2	11.112	1320	156.4	168.7	181	336128.1	4.09	8.18	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
51-2496	OZ®	94.8	98.28	1	31	49.6	52.6	55.6	1516.2	10.81	21.61	A1 (PZC 13)
		5094.8	2496.2	25.4	812	242	256.8	271.6	207051.5	3.29	6.59	
51-2903	OZ®	95.2	114.28	0.5	48	34.5	37.1	39.7	2284.1	12.9	25.8	A1 (PZC 13)
		5116.7	2902.6	12.7	1219	168.4	181.1	193.9	311916.6	3.93	7.86	
51-2598	OZ®	95.3	102.28	0.812	36	44.6	47.5	50.4	1714.7	11.33	22.66	A1 (PZC 13)
		5121.6	2597.8	20.638	914	217.8	232	246.2	234161.6	3.45	6.91	
51-2750	OZ®	95.5	108.28	0.625	42	38.9	41.7	44.4	2005.4	12.12	24.23	A1 (PZC 13)
		5134	2750.2	15.875	1066	189.9	203.4	216.8	273848.8	3.69	7.39	
51-3106	OZ®	95.7	122.28	0.394	56	30.3	32.7	35.2	2678.2	13.95	27.9	A1 (PZC 13)
		5142.5	3105.8	10	1422	147.9	159.8	171.7	365735.1	4.25	8.5	
52-2953	OZ®	96	116.28	0.472	50	33.5	36.1	38.6	2399.3	13.16	26.32	A1 (PZC 13)
		5159.7	2953.4	12	1270	163.6	176.1	188.6	327639	4.01	8.02	
52-2649	OZ®	96.5	104.28	0.75	38	42.9	45.8	48.7	1833.8	11.59	23.18	A1 (PZC 13)
		5189.1	2648.6	19.05	965	209.7	223.7	237.6	250425.1	3.53	7.07	
52-2699	OZ®	96.6	106.28	0.688	40	41	43.8	46.7	1932.4	11.85	23.71	A1 (PZC 13)
		5194.7	2699.4	17.462	1016	200.4	214.1	227.8	263890.1	3.61	7.23	
53-2547	OZ®	98.7	100.28	0.938	34	48.6	51.5	54.5	1678.1	11.07	22.14	A1 (PZC 13)
		5307	2547	23.812	863	237.2	251.7	266.2	229156.3	3.37	6.75	
54-3055	OZ®	100.2	120.28	0.438	53	32.4	34.9	37.4	2704.7	13.69	27.37	A1 (PZC 13)
		5385.7	3055	11.112	1371	158.3	170.4	182.5	369348.6	4.17	8.34	
54-2953	OZ®	101.2	116.28	0.5	50	35	37.6	40.1	2530.9	13.16	26.32	A1 (PZC 13)
		5442.7	2953.4	12.7	1270	170.9	183.4	195.9	345613.5	4.01	8.02	
55-2598	OZ®	101.7	102.28	0.875	36	47.3	50.2	53.1	1831.1	11.33	22.66	A1 (PZC 13)
		5469.1	2597.8	22.225	914	230.9	245.2	259.4	250048.1	3.45	6.91	
55-3004	OZ®	101.8	118.28	0.472	52	34	36.5	39	2647.1	13.42	26.85	A1 (PZC 13)
		5473.7	3004.2	12	1320	165.8	178.1	190.4	361480.6	4.09	8.18	
55-2801	OZ®	102.6	110.28	0.625	43	39.6	42.4	45.1	2256.8	12.38	24.75	A1 (PZC 13)
		5515.2	2801	15.875	1117	193.6	206.8	220	308186.7	3.77	7.55	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in ³ /ft (cm ³ /m)	in (mm)	in (mm)	in (mm)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	in ⁴ /ft (cm ⁴ /m)	ft ² /ft (m ² /m)	ft ² /ft (m ² /m)	
56-2649	OZ [®]	103.7	104.28	0.812	38	45.8	48.6	51.5	1970.5	11.59	23.18	A1 (PZC 13)
		5575.7	2648.6	20.638	965	223.4	237.3	251.3	269084.8	3.53	7.07	
56-2750	OZ [®]	104.2	108.28	0.688	42	41.9	44.7	47.4	2188.6	12.12	24.23	A1 (PZC 13)
		5603.1	2750.2	17.462	1066	204.6	218.1	231.5	298869.2	3.69	7.39	
56-2547	OZ [®]	104.4	100.28	1	34	51.1	54.1	57.1	1774.9	11.07	22.14	A1 (PZC 13)
		5613.2	2547	25.4	863	249.7	264.2	278.7	242376.5	3.37	6.75	
56-2699	OZ [®]	104.6	106.28	0.75	40	44	46.8	49.6	2091.3	11.85	23.71	A1 (PZC 13)
		5621.9	2699.4	19.05	1016	214.6	228.3	242	285592.4	3.61	7.23	
57-3106	OZ [®]	105.8	122.28	0.438	56	32.8	35.3	37.7	2961.7	13.95	27.9	A1 (PZC 13)
		5686.7	3105.8	11.112	1422	160.2	172.1	184	404440.1	4.25	8.5	
57-2903	OZ [®]	106.3	114.28	0.562	48	37.8	40.4	43	2550.6	12.9	25.8	A1 (PZC 13)
		5713.8	2902.6	14.288	1219	184.5	197.2	209.9	348312.2	3.93	7.86	
58-3004	OZ [®]	107.4	118.28	0.5	52	35.5	38	40.5	2793	13.42	26.85	A1 (PZC 13)
		5775.3	3004.2	12.7	1320	173.3	185.6	197.9	381402.7	4.09	8.18	
58-3055	OZ [®]	107.8	120.28	0.472	53	34.4	36.9	39.4	2909.5	13.69	27.37	A1 (PZC 13)
		5793.6	3055	12	1371	168	180.1	192.2	397322.4	4.17	8.34	
58-2598	OZ [®]	108.1	102.28	0.938	36	50	52.9	55.8	1946.1	11.33	22.66	A1 (PZC 13)
		5812.8	2597.8	23.812	914	244	258.2	272.5	265761.4	3.45	6.91	
60-2649	OZ [®]	110.8	104.28	0.875	38	48.5	51.4	54.3	2105.7	11.59	23.18	A1 (PZC 13)
		5958.4	2648.6	22.225	965	237	251	264.9	287553	3.53	7.07	
60-2801	OZ [®]	112	110.28	0.688	43	42.8	45.5	48.2	2464.6	12.38	24.75	A1 (PZC 13)
		6022.9	2801	17.462	1117	208.7	221.9	235.1	336557.3	3.77	7.55	
60-2699	OZ [®]	112.4	106.28	0.812	40	46.9	49.7	52.5	2248.7	11.85	23.71	A1 (PZC 13)
		6045	2699.4	20.638	1016	228.7	242.4	256.1	307084.2	3.61	7.23	
61-2750	OZ [®]	112.9	108.28	0.75	42	44.9	47.7	50.4	2370.1	12.12	24.23	A1 (PZC 13)
		6067.9	2750.2	19.05	1066	219.3	232.7	246.2	323659.7	3.69	7.39	
61-2953	OZ [®]	113.1	116.28	0.562	50	38.4	40.9	43.5	2827.7	13.16	26.32	A1 (PZC 13)
		6081.1	2953.4	14.288	1270	187.4	199.9	212.4	386151.6	4.01	8.02	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
61-3055	OZ®	113.7	120.28	0.5	53	36	38.4	40.9	3070.5	13.69	27.37	A1 (PZC 13)
		6114.2	3055	12.7	1371	175.6	187.7	199.8	419309.3	4.17	8.34	
61-3106	OZ®	113.8	122.28	0.472	56	34.8	37.3	39.7	3186.8	13.95	27.9	A1 (PZC 13)
		6119	3105.8	12	1422	170.1	182	193.9	435185.8	4.25	8.5	
62-2598	OZ®	114.4	102.28	1	36	52.6	55.6	58.5	2059.9	11.33	22.66	A1 (PZC 13)
		6152.7	2597.8	25.4	914	257.1	271.3	285.5	281303.3	3.45	6.91	
63-2903	OZ®	117.3	114.28	0.625	48	41.1	43.7	46.3	2815	12.9	25.8	A1 (PZC 13)
		6306.1	2902.6	15.875	1219	200.5	213.2	226	384417.4	3.93	7.86	
63-2649	OZ®	117.9	104.28	0.938	38	51.3	54.2	57	2239.6	11.59	23.18	A1 (PZC 13)
		6337.2	2648.6	23.812	965	250.6	264.6	278.5	305831.4	3.53	7.07	
65-3004	OZ®	120.1	118.28	0.562	52	38.9	41.5	44	3122.1	13.42	26.85	A1 (PZC 13)
		6455.9	3004.2	14.288	1320	190.1	202.5	214.8	426346.4	4.09	8.18	
65-3106	OZ®	120.1	122.28	0.5	56	36.4	38.9	41.3	3363.8	13.95	27.9	A1 (PZC 13)
		6458.9	3105.8	12.7	1422	177.9	189.8	201.7	459353.5	4.25	8.5	
65-2699	OZ®	120.2	106.28	0.875	40	49.7	52.5	55.4	2404.6	11.85	23.71	A1 (PZC 13)
		6463.9	2699.4	22.225	1016	242.9	256.6	270.3	328367	3.61	7.23	
65-2801	OZ®	121.4	110.28	0.75	43	45.8	48.6	51.3	2670.5	12.38	24.75	A1 (PZC 13)
		6526.1	2801	19.05	1117	223.8	237	250.2	364679	3.77	7.55	
65-2750	OZ®	121.4	108.28	0.812	42	47.9	50.7	53.4	2550	12.12	24.23	A1 (PZC 13)
		6528.3	2750.2	20.638	1066	233.9	247.4	260.8	348221.6	3.69	7.39	
67-2649	OZ®	124.8	104.28	1	38	54.1	57	59.8	2372	11.59	23.18	A1 (PZC 13)
		6712	2648.6	25.4	965	264.1	278.1	292	323920.9	3.53	7.07	
67-2953	OZ®	124.9	116.28	0.625	50	41.7	44.3	46.9	3122.3	13.16	26.32	A1 (PZC 13)
		6714.7	2953.4	15.875	1270	203.8	216.3	228.8	426383.2	4.01	8.02	
68-3055	OZ®	127.2	120.28	0.562	53	39.5	42	44.5	3433.8	13.69	27.37	A1 (PZC 13)
		6837.5	3055	14.288	1371	192.8	204.9	217	468916.5	4.17	8.34	
69-2699	OZ®	127.9	106.28	0.938	40	52.6	55.4	58.2	2558.9	11.85	23.71	A1 (PZC 13)
		6878.8	2699.4	23.812	1016	256.9	270.6	284.3	349442.5	3.61	7.23	

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Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
69-2903	OZ®	128.2	114.28	0.688	48	44.3	47	49.6	3077.3	12.9	25.8	A1 (PZC 13)
		6893.6	2902.6	17.462	1219	216.5	229.2	242	420233.6	3.93	7.86	
70-2750	OZ®	129.9	108.28	0.875	42	50.9	53.6	56.4	2728.2	12.12	24.23	A1 (PZC 13)
		6984.6	2750.2	22.225	1066	248.5	261.9	275.4	372556.5	3.69	7.39	
70-2801	OZ®	130.7	110.28	0.812	43	48.9	51.6	54.3	2874.6	12.38	24.75	A1 (PZC 13)
		7024.9	2801	20.638	1117	238.9	252.1	265.3	392552.7	3.77	7.55	
71-3004	OZ®	132.6	118.28	0.625	52	42.4	44.9	47.4	3448.7	13.42	26.85	A1 (PZC 13)
		7131.4	3004.2	15.875	1320	207	219.3	231.6	470957.3	4.09	8.18	
72-3207	OZ®	133.3	126.28	0.5	60	37.3	39.7	42	3997.8	14.47	28.94	A1 (PZC 13)
		7164.6	3207.4	12.7	1524	182.2	193.7	205.2	545940.6	4.41	8.82	
72-3106	OZ®	134.4	122.28	0.562	56	40	42.5	44.9	3763.1	13.95	27.9	A1 (PZC 13)
		7225.7	3105.8	14.288	1422	195.5	207.4	219.3	513890.1	4.25	8.5	
73-2699	OZ®	135.6	106.28	1	40	55.5	58.3	61.1	2711.7	11.85	23.71	A1 (PZC 13)
		7289.6	2699.4	25.4	1016	271	284.6	298.3	370311.4	3.61	7.23	
73-2953	OZ®	136.6	116.28	0.688	50	45.1	47.7	50.2	3414.7	13.16	26.32	A1 (PZC 13)
		7343.4	2953.4	17.462	1270	220.2	232.7	245.2	466303.2	4.01	8.02	
74-2750	OZ®	138.3	108.28	0.938	42	53.9	56.6	59.4	2904.7	12.12	24.23	A1 (PZC 13)
		7436.6	2750.2	23.812	1066	263	276.5	289.9	396665.7	3.69	7.39	
75-2903	OZ®	139.1	114.28	0.75	48	47.6	50.2	52.8	3337.5	12.9	25.8	A1 (PZC 13)
		7476.4	2902.6	19.05	1219	232.5	245.2	257.9	455763.8	3.93	7.86	
75-2801	OZ®	139.9	110.28	0.875	43	52	54.7	57.4	3076.9	12.38	24.75	A1 (PZC 13)
		7519.4	2801	22.225	1117	253.9	267.1	280.3	420182.1	3.77	7.55	
76-3055	OZ®	140.5	120.28	0.625	53	43	45.5	48	3794.5	13.69	27.37	A1 (PZC 13)
		7555.8	3055	15.875	1371	210	222.1	234.2	518173.5	4.17	8.34	
78-3004	OZ®	145.1	118.28	0.688	52	45.8	48.3	50.9	3773	13.42	26.85	A1 (PZC 13)
		7802	3004.2	17.462	1320	223.7	236.1	248.4	515242	4.09	8.18	
79-2750	OZ®	146.6	108.28	1	42	56.8	59.6	62.3	3079.6	12.12	24.23	A1 (PZC 13)
		7884.3	2750.2	25.4	1066	277.5	291	304.4	420551	3.69	7.39	

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BALL & SOCKET
HOT ROLLED / MULTI-USE

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
80-2953	OZ®	148.2	116.28	0.75	50	48.4	51	53.6	3704.8	13.16	26.32	A1 (PZC 13)
		7967.2	2953.4	19.05	1270	236.5	249.1	261.6	505918.6	4.01	8.02	
80-3106	OZ®	148.6	122.28	0.625	56	43.6	46.1	48.5	4159.8	13.95	27.9	A1 (PZC 13)
		7987.3	3105.8	15.875	1422	213	224.9	236.8	568059.8	4.25	8.5	
80-2801	OZ®	149	110.28	0.938	43	55.1	57.8	60.5	3277.5	12.38	24.75	A1 (PZC 13)
		8009.5	2801	23.812	1117	268.9	282.1	295.3	447568.7	3.77	7.55	
80-3207	OZ®	149.2	126.28	0.562	60	41.1	43.4	45.8	4475.3	14.47	28.94	A1 (PZC 13)
		8020.3	3207.4	14.288	1524	200.4	212	223.5	611146.1	4.41	8.82	
81-2903	OZ®	149.8	114.28	0.812	48	50.9	53.5	56.1	3595.6	12.9	25.8	A1 (PZC 13)
		8054.6	2902.6	20.638	1219	248.4	261.1	273.8	491008.1	3.93	7.86	
83-3055	OZ®	153.8	120.28	0.688	53	46.5	49	51.5	4152.7	13.69	27.37	A1 (PZC 13)
		8268.9	3055	17.462	1371	227.2	239.3	251.4	567083.5	4.17	8.34	
85-3004	OZ®	157.5	118.28	0.75	52	49.3	51.8	54.3	4094.9	13.42	26.85	A1 (PZC 13)
		8467.6	3004.2	19.05	1320	240.5	252.8	265.1	559200.5	4.09	8.18	
85-2801	OZ®	158	110.28	1	43	58.1	60.8	63.5	3476.2	12.38	24.75	A1 (PZC 13)
		8495.2	2801	25.4	1117	283.8	297	310.2	474709	3.77	7.55	
86-2953	OZ®	159.7	116.28	0.812	50	51.8	54.4	56.9	3992.6	13.16	26.32	A1 (PZC 13)
		8586.3	2953.4	20.638	1270	252.8	265.4	277.9	545229.2	4.01	8.02	
86-2903	OZ®	160.5	114.28	0.875	48	54.1	56.7	59.3	3851.6	12.9	25.8	A1 (PZC 13)
		8628.1	2902.6	22.225	1219	264.2	277	289.7	525969.8	3.93	7.86	
87-3106	OZ®	162.6	122.28	0.688	56	47.2	49.7	52.1	4553.8	13.95	27.9	A1 (PZC 13)
		8743.8	3105.8	17.462	1422	230.5	242.4	254.3	621855.9	4.25	8.5	
89-3207	OZ®	165	126.28	0.625	60	44.8	47.1	49.5	4949.8	14.47	28.94	A1 (PZC 13)
		8870.6	3207.4	15.875	1524	218.7	230.2	241.7	675940	4.41	8.82	
90-3055	OZ®	167	120.28	0.75	53	50	52.5	55	4508.3	13.69	27.37	A1 (PZC 13)
		8977	3055	19.05	1371	244.3	256.4	268.5	615643.2	4.17	8.34	
91-3004	OZ®	169.8	118.28	0.812	52	52.7	55.2	57.7	4414.5	13.42	26.85	A1 (PZC 13)
		9128.3	3004.2	20.638	1320	257.2	269.5	281.8	602832.7	4.09	8.18	

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BALL & SOCKET
HOT ROLLED / MULTI-USE

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in³/ft (cm³/m)	in (mm)	in (mm)	in (mm)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	lb/ft² (kg/m²)	in⁴/ft (cm⁴/m)	ft²/ft (m²/m)	ft²/ft (m²/m)	
92-2903	OZ®	171.1	114.28	0.938	48	57.4	60	62.6	4105.5	12.9	25.8	A1 (PZC 13)
		9197	2902.6	23.812	1219	280.1	292.8	305.5	560649.1	3.93	7.86	
92-2953	OZ®	171.1	116.28	0.875	50	55.1	57.7	60.2	4278.3	13.16	26.32	A1 (PZC 13)
		9200.6	2953.4	22.225	1270	269.1	281.6	294.1	584235.1	4.01	8.02	
95-3106	OZ®	176.6	122.28	0.75	56	50.8	53.2	55.7	4945	13.95	27.9	A1 (PZC 13)
		9495.1	3105.8	19.05	1422	248	259.9	271.8	675288.2	4.25	8.5	
97-3055	OZ®	180	120.28	0.812	53	53.5	56	58.5	4861.3	13.69	27.37	A1 (PZC 13)
		9680.1	3055	20.638	1371	261.4	273.5	285.6	663859.2	4.17	8.34	
97-3207	OZ®	180.7	126.28	0.688	60	48.5	50.9	53.2	5421.3	14.47	28.94	A1 (PZC 13)
		9715.5	3207.4	17.462	1524	236.9	248.4	259.9	740322.4	4.41	8.82	
98-2903	OZ®	181.6	114.28	1	48	60.6	63.2	65.8	4357.4	12.9	25.8	A1 (PZC 13)
		9761.3	2902.6	25.4	1219	295.8	308.6	321.3	595047.1	3.93	7.86	
98-3004	OZ®	182	118.28	0.875	52	56.1	58.6	61.1	4731.6	13.42	26.85	A1 (PZC 13)
		9784.1	3004.2	22.225	1320	273.8	286.1	298.4	646138.7	4.09	8.18	
98-2953	OZ®	182.5	116.28	0.938	50	58.4	61	63.6	4561.7	13.16	26.32	A1 (PZC 13)
		9810.1	2953.4	23.812	1270	285.3	297.9	310.4	622939.7	4.01	8.02	
102-3106	OZ®	190.5	122.28	0.812	56	54.4	56.8	59.2	5333.6	13.95	27.9	A1 (PZC 13)
		10241.1	3105.8	20.638	1422	265.4	277.3	289.2	728350.2	4.25	8.5	
104-3055	OZ®	193	120.28	0.875	53	57	59.5	62	5211.9	13.69	27.37	A1 (PZC 13)
		10378.1	3055	22.225	1371	278.4	290.5	302.6	711731.6	4.17	8.34	
104-2953	OZ®	193.7	116.28	1	50	61.8	64.3	66.9	4842.9	13.16	26.32	A1 (PZC 13)
		10414.8	2953.4	25.4	1270	301.5	314	326.6	661342	4.01	8.02	
104-3004	OZ®	194.1	118.28	0.938	52	59.5	62	64.5	5046.4	13.42	26.85	A1 (PZC 13)
		10435	3004.2	23.812	1320	290.4	302.7	315.1	689128.6	4.09	8.18	
106-3207	OZ®	196.3	126.28	0.75	60	52.2	54.6	57	5889.7	14.47	28.94	A1 (PZC 13)
		10555	3207.4	19.05	1524	255	266.5	278.1	804293.2	4.41	8.82	
110-3106	OZ®	204.3	122.28	0.875	56	57.9	60.4	62.8	5719.5	13.95	27.9	A1 (PZC 13)
		10982.1	3105.8	22.225	1422	282.8	294.7	306.6	781048.4	4.25	8.5	

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BALL & SOCKET
HOT ROLLED / MULTI-USE

Section	Solution Type	Section Modulus	Width	Thickness	Diameter	Weight at Ratio			Moment of Inertia	Surface Area	Coating Area	Configuration
						60%	80%	100%				
		in ³ /ft (cm ³ /m)	in (mm)	in (mm)	in (mm)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	lb/ft ² (kg/m ²)	in ⁴ /ft (cm ⁴ /m)	ft ² /ft (m ² /m)	ft ² /ft (m ² /m)	
111-3055	OZ [®]	205.9	120.28	0.938	53	60.5	63	65.5	5559.9	13.69	27.37	A1 (PZC 13)
		11071.2	3055	23.812	1371	295.4	307.5	319.6	759260.2	4.17	8.34	
111-3004	OZ [®]	206.1	118.28	1	52	62.9	65.4	67.9	5358.8	13.42	26.85	A1 (PZC 13)
		11081.1	3004.2	25.4	1320	307	319.3	331.6	731793.2	4.09	8.18	
114-3207	OZ [®]	211.8	126.28	0.812	60	55.9	58.3	60.7	6355.2	14.47	28.94	A1 (PZC 13)
		11389.1	3207.4	20.638	1524	273.1	284.7	296.2	867852.5	4.41	8.82	
117-3106	OZ [®]	218	122.28	0.938	56	61.5	63.9	66.4	6102.8	13.95	27.9	A1 (PZC 13)
		11718	3105.8	23.812	1422	300.2	312.1	324	833385.9	4.25	8.5	
118-3055	OZ [®]	218.7	120.28	1	53	64	66.4	68.9	5905.5	13.69	27.37	A1 (PZC 13)
		11759.3	3055	25.4	1371	312.3	324.4	336.5	806450.4	4.17	8.34	
122-3207	OZ [®]	227.3	126.28	0.875	60	59.6	62	64.4	6817.6	14.47	28.94	A1 (PZC 13)
		12218	3207.4	22.225	1524	291.2	302.7	314.3	931009.5	4.41	8.82	
124-3106	OZ [®]	231.5	122.28	1	56	65	67.5	69.9	6483.4	13.95	27.9	A1 (PZC 13)
		12448.8	3105.8	25.4	1422	317.5	329.4	341.3	885359.6	4.25	8.5	
130-3207	OZ [®]	242.6	126.28	0.938	60	63.3	65.7	68.1	7277.1	14.47	28.94	A1 (PZC 13)
		13041.4	3207.4	23.812	1524	309.2	320.8	332.3	993758.2	4.41	8.82	
139-3207	OZ [®]	257.8	126.28	1	60	67	69.4	71.7	7733.7	14.47	28.94	A1 (PZC 13)
		13859.6	3207.4	25.4	1524	327.2	338.8	350.3	1056104.6	4.41	8.82	

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Specifications

When using steel sheet pile, it is necessary to make allowances for deviations from theoretical exactness. The degree of precision obtainable in the production of sheet pile is limited by the basic character of the rolling processes and normal limitations of mill equipment. Care must be taken during installation to assure that each element is being set at the desired driving dimension.

- Dimensions typically shown are nominal.
- Actual thicknesses vary due to mill rolling practices; however, permitted variations for such dimensions are not addressed.
- Interlocks should be reasonably free-sliding when threaded.
- Terms, tolerance, dimensions, and delivery conditions are in accordance with EN 10248 and/or ASTM A6.
- Welding is in accordance with AWS D1.1.

	AMERICAN ASTM A 6		EUROPEAN EN 10248
Mass	5%	-2.5%	± 5%
Length	+ 5in.	-0 in.	± 200mm
Height			± 7mm
Thickness			± 0.5mm for ≤ 8.5mm ± 6% for > 8.5mm
Width Interlocked			± 3%
Straightness			0.2% of the length
Ends ou of Square			2% of the width

Available Steel Grades

AMERICAN			CANADIAN			EUROPEAN		
ASTM	YIELD STRENGTH		CSA G40.21	YIELD STRENGTH		EN 10248	YIELD STRENGTH	
	(ksi)	(MPa)		(ksi)	(MPa)		(ksi)	(MPa)
A 328	39	270	Grade 260 W	38	260	S 240 GP	35	240
A 572 Grade 42	42	290	Grade 300 W	44	300	S 270 GP	39	270
A 572 Grade 50	50	345	Grade 355 W	50	350	S 320 GP	46	320
A 572 Grade 55	55	380	Grade 400 W	58	400	S 355 GP	51	355
A 572 Grade 60	60	415				S 390 GP	57	390
A 572 Grade 65*	65	450				S 430 GP	62	430
A 588 Grade 50	50	345				S 450 GP*	65	450
API 5L x70	70	485						
ASTM A 690 MARINER®	50	345						

ENGINEERING DISCLAIMER

This publication contains information on the properties of hot-rolled sheet pile based on accepted engineering practices related to sheet pile products and projects. The use of the data contained herein must be supplemented with qualified professional judgment.

LEGAL DISCLAIMER

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